

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
6 May 2004 (06.05.2004)

PCT

(10) International Publication Number
WO 2004/039062 A1

(51) International Patent Classification⁷: **H04N 3/26**

Serge [FR/SG]; 3A Bright Hill Drive, Thomson View, Singapore 579588 (SG). TAN, Sze, Kwang [SG/SG]; Blk 935, Yishun Central 1, #03-23, Singapore 760935 (SG).

(21) International Application Number:
PCT/SG2002/000224

(74) Agent: DONALDSON & BURKINSHAW; P.O. Box 3667, Singapore 905667 (SG).

(22) International Filing Date:
30 September 2002 (30.09.2002)

(81) Designated States (*national*): JP, SG, US.

(25) Filing Language: English

(84) Designated States (*regional*): European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR).

(26) Publication Language: English

(71) Applicant (*for all designated States except US*): STMI-CROELECTRONICS ASIA PACIFIC PTE LTD. [SG/SG]; 28 Ang Mo Kio Industrial Park 2, Singapore 569508 (SG).

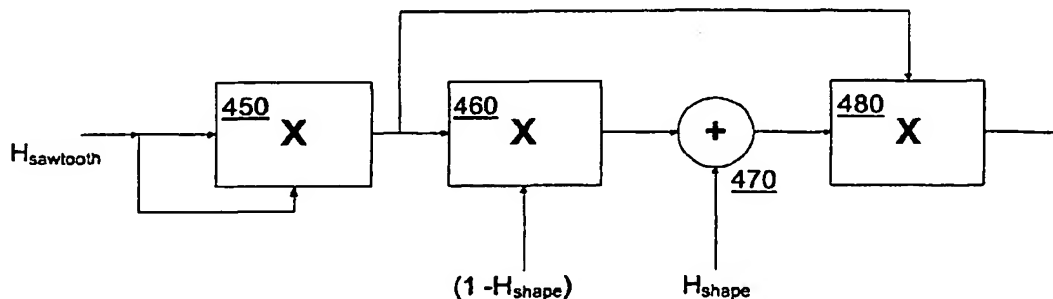
Published:
— with international search report

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): CIROT, Eric, Yves,

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: HORIZONTAL AND VERTICAL DYNAMIC CORRECTION IN CRT MONITORS



(57) Abstract: An analog scanning processor for generation of a dynamic focus correction signal for use with a CRT is disclosed. The dynamic focus correction signal is characterised in that it is proportional to $Kx^2 + (1-K)x^4$, where x is the distance from a mid point of a viewing surface of the CRT, and K is a real number in the range 0.00 to 1.00. Embodiments of the invention find particular use in CRTs having generally flatter, squarer configurations.

WO 2004/039062 A1